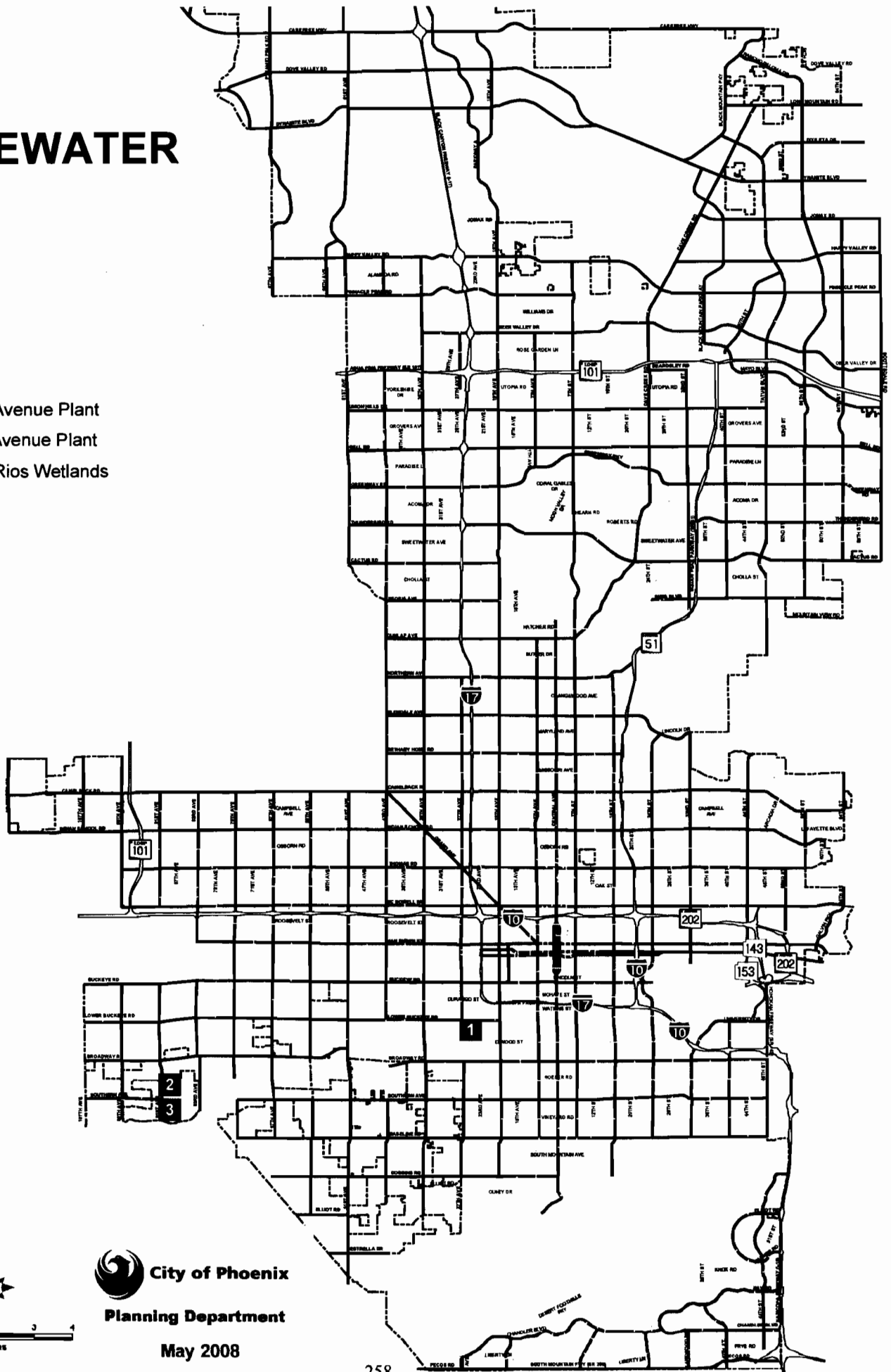


WASTEWATER

- 1** 23rd Avenue Plant
- 2** 91st Avenue Plant
- 3** Tres Rios Wetlands



Wastewater

The Wastewater program totals \$935.5 million and is funded with Wastewater operating revenue, Wastewater nonprofit corporation bonds, impact fees and other cities' participation in the 91st Avenue Wastewater Treatment Plant Subregional Operating Group (SROG) joint venture.

Major projects planned for the 91st Avenue Wastewater Treatment Plant include unified plant expansion, odor control facilities, instrumentation and process control inspections, power line relocation and support system upgrades.

Other major Wastewater projects include the following:

- Land acquisition for the reuse and river restoration project at Tres Rios
- Construction of Salt River Outfall and Southern Avenue Interceptor Parallel sewers to meet wastewater system flow demands
- Construction of odor control facilities for the Salt River Outfall and Southern Avenue Interceptor sewers
- Construction of relief sewers citywide
- Systems development and equipment replacement at the 23rd Avenue Wastewater Treatment Plant
- Security improvements at remote facilities
- Sewer lift station replacements and construction of a sewer lift station at 107th Avenue and Roeser Road
- Construction of parallel sections of the Broadway Sewer from 32nd Street to 51st Avenue to provide needed additional capacity
- Rehabilitation of selected sewers of various sizes and materials located throughout the city
- Sewer relocations for light rail
- Various Wastewater management studies, staff charges and consultant fees

2008-2013 CAPITAL IMPROVEMENT PROGRAM

Wastewater

Capital Improvement Program Summary

Project Summary	2008-09	2009-10	2010-11	2011-12	2012-13	Total
23rd Avenue WWTP	\$ 4,762,000	\$ 1,832,000	\$ 3,465,000	\$ 1,750,000	\$ 17,020,000	\$ 28,829,000
91st Avenue WWTP	15,912,300	5,086,300	22,651,300	4,722,300	176,618,300	224,990,500
91st Avenue WWTP Studies	3,030,000	-	50,000	-	2,007,000	5,087,000
Automation	1,135,000	-	-	-	-	1,135,000
Lift Stations	7,063,000	9,060,000	53,195,000	2,235,000	2,295,000	73,848,000
Multi-City Sewer Lines	59,796,220	8,913,570	15,023,798	86,968,160	104,306,080	275,007,828
Phoenix Sewers Lines	88,257,918	55,108,750	51,777,917	49,287,622	35,581,338	280,013,545
Repayments	20,000	-	2,740,000	-	-	2,760,000
Tres Rios	16,750,000	-	-	-	-	16,750,000
Wastewater System Studies	2,340,300	7,044,300	4,569,300	5,219,300	4,569,300	23,742,500
Percent for Art	3,332,500	-	-	-	-	3,332,500
Total	\$ 202,399,238	\$ 87,044,920	\$ 153,472,315	\$ 150,182,382	\$ 342,397,018	\$ 935,495,873
Source of Funds						
<u>Operating Funds</u>						
Wastewater Revenues	\$ 80,590,711	\$ 38,998,250	\$ 61,840,000	\$ 39,906,000	\$ 66,796,000	\$ 288,130,961
<u>Bond Funds</u>						
2006 Bonds	\$ 14,360	\$ -	\$ -	\$ -	\$ -	\$ 14,360
Nonprofit Corporation Bonds -						
Wastewater	64,374,641	36,355,070	69,443,835	81,862,448	162,067,877	414,103,871
Nonprofit Corporation Bonds - Water	700,000	-	-	-	-	700,000
Total Bond Funds	\$ 65,089,001	\$ 36,355,070	\$ 69,443,835	\$ 81,862,448	\$ 162,067,877	\$ 414,818,231
<u>Other Financing</u>						
Impact Fees	\$ 23,040,011	\$ 6,900,000	\$ -	\$ -	\$ -	\$ 29,940,011
Other Cities' Share in Joint Ventures	31,664,515	4,791,600	22,188,480	28,413,934	113,533,141	200,591,670
Private Participation	2,015,000	-	-	-	-	2,015,000
Total Other Financing	\$ 56,719,526	\$ 11,691,600	\$ 22,188,480	\$ 28,413,934	\$ 113,533,141	\$ 232,546,681
Total Sources of Funds	\$ 202,399,238	\$ 87,044,920	\$ 153,472,315	\$ 150,182,382	\$ 342,397,018	\$ 935,495,873

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90100001	91ST AVE REPLACEMENT FUND	Function: 91st Avenue WWTP				District: 7	
Repair and replace 91st Ave Wastewater Treatment Plant (WWTP) equipment.							
Other		25,000	-	-	-	-	25,000
Equipment		4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	20,000,000
Project Total		\$4,025,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$20,025,000
SROG Replacement Fund		4,025,000	4,000,000	4,000,000	4,000,000	4,000,000	20,025,000
Funding Total		\$4,025,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$20,025,000
WS90100021	91ST AVE TOXICITY IDENTIFICATION AND REDUCTION EVALUATION PROGRAM	Function: 91st Avenue WWTP				District: 7	
Evaluate toxicity reduction for the 91st Ave Wastewater Treatment Plant.							
Design		100,000	-	-	-	-	100,000
Project Total		\$100,000	-	-	-	-	\$100,000
Wastewater Revenues		54,200	-	-	-	-	54,200
SROG - Other Cities Participation		45,800	-	-	-	-	45,800
Funding Total		\$100,000	-	-	-	-	\$100,000
WS90100038	91ST AVE WASTEWATER TREATMENT PLANT ODOR FACILITIES PHASE II	Function: 91st Avenue WWTP				District: 7	
Complete installation of scrubbers and primary basin covers for Plants 1, 2, and 3.							
Estimated full-year ongoing operating costs: \$780,000							
Other		35,000	-	-	-	-	35,000
Project Total		\$35,000	-	-	-	-	\$35,000
SROG - Other Cities Participation		35,000	-	-	-	-	35,000
Funding Total		\$35,000	-	-	-	-	\$35,000
WS90100051	INSTRUMENTATION AND CONTROLS INSPECTION	Function: 91st Avenue WWTP				District: 7	
Provide inspection services for instrumentation and controls projects.							
Other		35,000	-	-	-	-	35,000
Design		2,000,000	-	2,000,000	-	2,000,000	6,000,000
Project Total		\$2,035,000	-	\$2,000,000	-	\$2,000,000	\$6,035,000
Wastewater Revenues		1,148,554	-	1,128,800	-	1,128,800	3,406,154
SROG - Other Cities Participation		886,446	-	871,200	-	871,200	2,628,846
Funding Total		\$2,035,000	-	\$2,000,000	-	\$2,000,000	\$6,035,000
WS90100056	UNIFIED PLANT 01	Function: 91st Avenue WWTP				District: 7	
Provide for legal expenses to complete construction of Unified Plant (UP01) expansion.							
Estimated full-year ongoing operating costs: \$100,000							
Construction		2,250,000	-	-	-	-	2,250,000
Project Total		\$2,250,000	-	-	-	-	\$2,250,000
Wastewater Revenues		967,275	-	-	-	-	967,275
SROG - Other Cities Participation		1,282,725	-	-	-	-	1,282,725
Funding Total		\$2,250,000	-	-	-	-	\$2,250,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90100057	91ST AVE WASTEWATER TREATMENT PLANT UNIFIED PLANT 05 EXPANSION	Function: 91st Avenue WWTP				District: 7	
Complete design of 91st Ave Wastewater Treatment Plant Unified Plant (UP05) Expansion. Estimated full-year ongoing operating costs: \$2,900,000							
Other		35,000	-	-	-	-	35,000
Project Total		\$35,000	-	-	-	-	\$35,000
SROG - Other Cities Participation		11,847	-	-	-	-	11,847
2006 CIC Wastewater Bonds		23,153	-	-	-	-	23,153
Funding Total		\$35,000	-	-	-	-	\$35,000
WS90100059	POWER LINE RELOCATION	Function: 91st Avenue WWTP				District: 7	
Design and relocate 500 kilovolt SRP line in advance of UP05 and future expansions.							
Other		35,000	-	-	-	-	35,000
Design		115,000	-	-	-	-	115,000
Construction		5,000,000	-	-	-	-	5,000,000
Project Total		\$5,150,000	-	-	-	-	\$5,150,000
Wastewater Revenues		2,906,660	-	-	-	-	2,906,660
SROG - Other Cities Participation		2,243,340	-	-	-	-	2,243,340
Funding Total		\$5,150,000	-	-	-	-	\$5,150,000
WS90100060	91ST AVE ULTRAVIOLET DISINFECTION	Function: 91st Avenue WWTP				District: 7	
Complete an ultra-violet disinfection system at the 91st Ave Wastewater Treatment Plant.							
Other		35,000	-	-	-	-	35,000
Project Total		\$35,000	-	-	-	-	\$35,000
SROG - Other Cities Participation		15,246	-	-	-	-	15,246
2006 CIC Wastewater Bonds		19,754	-	-	-	-	19,754
Funding Total		\$35,000	-	-	-	-	\$35,000
WS90100061	PROCESS CONTROL OPTIMIZATION	Function: 91st Avenue WWTP				District: 7	
Increase efficiency of the existing process control systems.							
Study		1,379,000	565,000	580,000	600,000	615,000	3,739,000
Other		35,000	-	-	-	-	35,000
Project Total		\$1,414,000	\$565,000	\$580,000	\$600,000	\$615,000	\$3,774,000
Wastewater Revenues		798,062	318,886	327,352	338,640	347,106	2,130,046
SROG - Other Cities Participation		615,938	246,114	252,648	261,360	267,894	1,643,954
Funding Total		\$1,414,000	\$565,000	\$580,000	\$600,000	\$615,000	\$3,774,000
WS90100062	SUBREGIONAL OPERATING GROUP JOINT EXECUTIVE POWER AGREEMENT REPORTING	Function: 91st Avenue WWTP				District: 7	
Reporting costs for the Subregional Operating Group - Joint Executive Power Agreement.							
Design		-	-	630,000	-	-	630,000
Project Total		-	-	\$630,000	-	-	\$630,000
Wastewater Revenues		-	-	126,000	-	-	126,000
SROG - Other Cities Participation		-	-	504,000	-	-	504,000
Funding Total		-	-	\$630,000	-	-	\$630,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90100069	91ST AVE SUPPORT SYSTEMS UPGRADE PHASE 1	Function: 91st Avenue WWTP					District: 7
Complete phase one of the 91st Ave support system.							
Other		35,000	-	-	-	-	35,000
Project Total		\$35,000	-	-	-	-	\$35,000
Wastewater Revenues		18,970	-	-	-	-	18,970
SROG - Other Cities Participation		16,030	-	-	-	-	16,030
Funding Total		\$35,000	-	-	-	-	\$35,000
WS90100071	UNIFIED PLANT 01 COMPLETION PROJECT	Function: 91st Avenue WWTP					District: 7
Complete the Unified Plant 01 expansion.							
Estimated full-year ongoing operating costs: \$80,000							
Other		25,000	-	-	-	-	25,000
Project Total		\$25,000	-	-	-	-	\$25,000
SROG - Other Cities Participation		14,253	-	-	-	-	14,253
Impact Fee - Ahwatukee, East - WW		10,747	-	-	-	-	10,747
Funding Total		\$25,000	-	-	-	-	\$25,000
WS90100072	AS-BUILT CHARGES FOR SROG PROJECTS	Function: 91st Avenue WWTP					District: 7
Technical Support Division charges for as-built processing fees for closed Wastewater SROG projects.							
Other		3,300	3,300	3,300	3,300	3,300	16,500
Project Total		\$3,300	\$3,300	\$3,300	\$3,300	\$3,300	\$16,500
Wastewater Revenues		3,300	3,300	3,300	3,300	3,300	16,500
Funding Total		\$3,300	\$3,300	\$3,300	\$3,300	\$3,300	\$16,500
WS90100073	91ST AVE WASTEWATER TREATMENT PLANT SECURITY IMPROVEMENTS	Function: 91st Avenue WWTP					District: 7
Complete security related improvements at the 91st Ave Wastewater Treatment Plant.							
Estimated full-year ongoing operating costs: \$70,000							
Other		25,000	-	-	-	-	25,000
Project Total		\$25,000	-	-	-	-	\$25,000
Wastewater Revenues		5,000	-	-	-	-	5,000
SROG - Other Cities Participation		20,000	-	-	-	-	20,000
Funding Total		\$25,000	-	-	-	-	\$25,000
WS90100074	91ST WWTP SUPPORT SYSTEM UPGRADES	Function: 91st Avenue WWTP					District: Citywide
Construct electrical and fire code improvements at the 91st Ave Wastewater Treatment Plant.							
Construction		-	-	-	-	5,000,000	5,000,000
Project Total		-	-	-	-	\$5,000,000	\$5,000,000
Wastewater Revenues		-	-	-	-	2,710,000	2,710,000
SROG - Other Cities Participation		-	-	-	-	2,290,000	2,290,000
Funding Total		-	-	-	-	\$5,000,000	\$5,000,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90100079	91ST AVE WWTP UP05 EXPANSION PUMP STATION AND PIPELINE	Function: 91st Avenue WWTP				District: Citywide	
Construct the Tres Rios Pump Station at 91st Ave Wastewater Treatment Plant (WWTP) and effluent pipeline to the Regulating Overbank Wetlands.							
Other		160,000	160,000	80,000	-	-	400,000
Construction		160,000	-	-	-	-	160,000
Project Total		\$320,000	\$160,000	\$80,000	-	-	\$560,000
Wastewater Revenues		214,464	107,232	53,616	-	-	375,312
SROG - Other Cities Participation		105,536	52,768	26,384	-	-	184,688
Funding Total		\$320,000	\$160,000	\$80,000	-	-	\$560,000
WS90100080	91ST AVE WWTP UP05 EXPANSION MGD CAPACITY	Function: 91st Avenue WWTP				District: Citywide	
Complete 91st Ave Wastewater Treatment Plant (WWTP) capacity from 204.5 millions of gallons per day (mgd) to 230 mgd.							
Other		358,000	358,000	358,000	119,000	-	1,193,000
Construction		32,000	-	-	-	-	32,000
Project Total		\$390,000	\$358,000	\$358,000	\$119,000	-	\$1,225,000
Wastewater Revenues		239,932	239,932	239,932	79,754	-	799,550
SROG - Other Cities Participation		128,622	118,068	118,068	39,246	-	404,004
2008 CIC Wastewater Bonds		21,446	-	-	-	-	21,446
Funding Total		\$390,000	\$358,000	\$358,000	\$119,000	-	\$1,225,000
WS90100081	ANPP TEMPORARY PUMP STATION	Function: 91st Avenue WWTP				District: Citywide	
Complete temporary pump station for the Palo Verde Nuclear Plant.							
Other		35,000	-	-	-	-	35,000
Project Total		\$35,000	-	-	-	-	\$35,000
Wastewater Revenues		19,754	-	-	-	-	19,754
SROG - Other Cities Participation		15,246	-	-	-	-	15,246
Funding Total		\$35,000	-	-	-	-	\$35,000
WS90100083	91ST AVE WWTP UP10 EXPANSION	Function: 91st Avenue WWTP				District: Citywide	
Design and construct the UP10 Expansion.							
Design		-	-	15,000,000	-	-	15,000,000
Construction		-	-	-	-	165,000,000	165,000,000
Project Total		-	-	\$15,000,000	-	\$165,000,000	\$180,000,000
SROG - Other Cities Participation		-	-	6,534,000	-	71,874,000	78,408,000
Nonprofit CIC Bonds		-	-	8,466,000	-	93,126,000	101,592,000
Funding Total		-	-	\$15,000,000	-	\$165,000,000	\$180,000,000
WS90120004	SPECIAL COMMITTEE STUDIES	Function: 91st Avenue WWTP Studies				District: 7	
Provide studies for the neighborhoods west of the 91st Ave Wastewater Treatment Plant.							
Other		35,000	-	-	-	-	35,000
Design		1,000,000	-	-	-	-	1,000,000
Project Total		\$1,035,000	-	-	-	-	\$1,035,000
SROG - Brogdon Settlement		1,035,000	-	-	-	-	1,035,000
Funding Total		\$1,035,000	-	-	-	-	\$1,035,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90120026	SROG SEWER METERING ANALYSIS AND INSTALLATION						
	Function: 91st Avenue WWTP Studies						
	District: Citywide						
	Provide sewer metering analysis and installation on selected SROG sewers.						
Other		105,000	-	-	-	-	105,000
Project Total		\$105,000	-	-	-	-	\$105,000
Wastewater Revenues		21,000	-	-	-	-	21,000
SROG - Other Cities Participation		84,000	-	-	-	-	84,000
Funding Total		\$105,000	-	-	-	-	\$105,000
WS90120027	SALINITY RESEARCH AND IMPROVEMENTS PILOT						
	Function: 91st Avenue WWTP Studies						
	District: Citywide						
	Conduct salinity pilot study and related improvements.						
Design		500,000	-	-	-	-	500,000
Project Total		\$500,000	-	-	-	-	\$500,000
Wastewater Revenues		282,200	-	-	-	-	282,200
SROG - Other Cities Participation		217,800	-	-	-	-	217,800
Funding Total		\$500,000	-	-	-	-	\$500,000
WS90120031	CONCENTRATE MANAGEMENT ALTERNATIVES VIABILITY						
	Function: 91st Avenue WWTP Studies						
	District: Citywide						
	Expand the Central Arizona Salinity Study (CASS) to include Concentrate Management issues.						
Other		15,000	-	-	-	-	15,000
Design		440,000	-	50,000	-	-	490,000
Project Total		\$455,000	-	\$50,000	-	-	\$505,000
Wastewater Revenues		355,901	-	39,110	-	-	395,011
SROG - Other Cities Participation		99,099	-	10,890	-	-	109,989
Funding Total		\$455,000	-	\$50,000	-	-	\$505,000
WS90120033	91ST AVE WWTP 25-YEAR MASTER PLAN UPDATE						
	Function: 91st Avenue WWTP Studies						
	District: Citywide						
	Study flow and loading for the 91st Ave Wastewater Treatment Plant (UP10) expansion.						
Study		900,000	-	-	-	-	900,000
Other		35,000	-	-	-	-	35,000
Project Total		\$935,000	-	-	-	-	\$935,000
Wastewater Development Occupational Fee		187,000	-	-	-	-	187,000
SROG - Other Cities Participation		748,000	-	-	-	-	748,000
Funding Total		\$935,000	-	-	-	-	\$935,000
WS90120034	91ST WWTP UP15 FLOW AND LOADING PROJECTIONS						
	Function: 91st Avenue WWTP Studies						
	District: Citywide						
	Study flow and loading for the 91st Ave Wastewater Treatment Plant (UP15) expansion.						
Study		-	-	-	-	900,000	900,000
Project Total		-	-	-	-	\$900,000	\$900,000
Wastewater Development Occupational Fee		-	-	-	-	180,000	180,000
SROG - Other Cities Participation		-	-	-	-	720,000	720,000
Funding Total		-	-	-	-	\$900,000	\$900,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90120037	91ST AVE WWTP LOCAL LIMITS STUDY	Function: 91st Avenue WWTP Studies				District: Citywide	
Conduct a regulatory study to implement new requirements, procedures and process at the 91st Av Wastewater Treatment Plant.							
Study		-	-	-	-	1,000,000	1,000,000
Other		-	-	-	-	107,000	107,000
Project Total		-	-	-	-	\$1,107,000	\$1,107,000
Wastewater Revenues		-	-	-	-	624,791	624,791
SROG - Other Cities Participation		-	-	-	-	482,209	482,209
Funding Total		-	-	-	-	\$1,107,000	\$1,107,000
WS90140001	TRES RIOS DEMONSTRATION PROJECT	Function: Tres Rios				District: 7	
Conduct an ongoing study for the Tres Rios Wetlands Project.							
Other		125,000	-	-	-	-	125,000
Project Total		\$125,000	-	-	-	-	\$125,000
Wastewater Revenues		68,313	-	-	-	-	68,313
SROG - Other Cities Participation		56,687	-	-	-	-	56,687
Funding Total		\$125,000	-	-	-	-	\$125,000
WS90140006	TRES RIOS FULL SCALE	Function: Tres Rios				District: 7	
Acquire land for the full-scale Tres Rios/Recharge/Reuse Project.							
Estimated full-year ongoing operating costs: \$1,230,000							
Other		125,000	-	-	-	-	125,000
Land Acquisition		16,500,000	-	-	-	-	16,500,000
Project Total		\$16,625,000	-	-	-	-	\$16,625,000
Wastewater Revenues		8,197,750	-	-	-	-	8,197,750
SROG - Other Cities Participation		7,614,250	-	-	-	-	7,614,250
2006 CIC Wastewater Bonds		813,000	-	-	-	-	813,000
Funding Total		\$16,625,000	-	-	-	-	\$16,625,000
WS90160011	SALT RIVER OUTFALL/SOUTHERN AVE INTERCEPTOR ODOR FACILITIES	Function: Multi-City Sewer Lines				District: 7 & 8	
Acquire land, design and construct the Regional Capacities Management Facilities Odor Control Facility.							
Other		35,000	-	-	-	-	35,000
Land Acquisition		5,000,000	-	-	-	-	5,000,000
Design		2,600,000	-	-	2,400,000	3,100,000	8,100,000
Construction		300,000	-	-	21,820,000	300,000	22,420,000
Project Total		\$7,935,000	-	-	\$24,220,000	\$3,400,000	\$35,555,000
Wastewater Revenues		3,669,937	-	-	-	1,572,500	5,242,437
SROG - Other Cities Participation		4,265,063	-	-	13,018,250	1,827,500	19,110,813
Nonprofit CIC Bonds		-	-	-	11,201,750	-	11,201,750
Funding Total		\$7,935,000	-	-	\$24,220,000	\$3,400,000	\$35,555,000
WS90160016	REGIONAL INTERCEPTOR CAPACITY IMPROVEMENTS	Function: Multi-City Sewer Lines				District: 7 & 8	
Construct the Regional Capacity Management Facilities SRO/SAI Interceptor System.							
Construction		22,144,350	8,913,570	15,023,798	58,828,160	100,906,080	205,815,958
Project Total		\$22,144,350	\$8,913,570	\$15,023,798	\$58,828,160	\$100,906,080	\$205,815,958
Wastewater Revenues		-	6,593,570	3,383,798	-	-	9,977,368
SROG - Other Cities Participation		3,230,000	2,320,000	11,640,000	10,170,000	33,920,000	61,280,000
Nonprofit CIC Bonds		-	-	-	48,658,160	66,986,080	115,644,240
2008 CIC Wastewater Bonds		18,914,350	-	-	-	-	18,914,350
Funding Total		\$22,144,350	\$8,913,570	\$15,023,798	\$58,828,160	\$100,906,080	\$205,815,958

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90160036	SRO SANITARY SEWER REHABILITATION						
	Function: Multi-City Sewer Lines						
	District: 7 & 8						
	Reassess unlined concrete sewers in the Salt River Outfall.						
Design		-	-	-	1,920,000	-	1,920,000
Project Total		-	-	-	\$1,920,000	-	\$1,920,000
SROG - Other Cities Participation		-	-	-	836,352	-	836,352
Nonprofit CIC Bonds		-	-	-	1,083,648	-	1,083,648
Funding Total		-	-	-	\$1,920,000	-	\$1,920,000
WS90160039	LINED CONCRETE REHABILITATION SOUTHERN AVE INTERCEPTOR/99TH AVE						
	Function: Multi-City Sewer Lines						
	District: 5 & 7						
	Reassess the Southern Ave Interceptor.						
Construction		-	-	-	2,000,000	-	2,000,000
Project Total		-	-	-	\$2,000,000	-	\$2,000,000
Wastewater Revenues		-	-	-	759,600	-	759,600
SROG - Other Cities Participation		-	-	-	1,240,400	-	1,240,400
Funding Total		-	-	-	\$2,000,000	-	\$2,000,000
WS90160064	SUBREGIONAL OPERATING GROUP SEWER METERING STATION UPGRADES						
	Function: Multi-City Sewer Lines						
	District: Citywide						
	Complete Subregional Operating Group metering station upgrades at various locations.						
Other		25,000	-	-	-	-	25,000
Design		800,000	-	-	-	-	800,000
Construction		7,200,000	-	-	-	-	7,200,000
Project Total		\$8,025,000	-	-	-	-	\$8,025,000
Wastewater Revenues		1,605,000	-	-	-	-	1,605,000
SROG - Other Cities Participation		6,420,000	-	-	-	-	6,420,000
Funding Total		\$8,025,000	-	-	-	-	\$8,025,000
WS90160071	TOLLESON METERING STATION CALIBRATION						
	Function: Multi-City Sewer Lines						
	District: 7						
	Conduct calibration study for two Tolleson metering stations.						
Other		35,000	-	-	-	-	35,000
Design		35,000	-	-	-	-	35,000
Project Total		\$70,000	-	-	-	-	\$70,000
Wastewater Revenues		70,000	-	-	-	-	70,000
Funding Total		\$70,000	-	-	-	-	\$70,000
WS90160072	99TH AVE TOLLESON WASTEWATER TREATMENT PLANT TO CAMELBACK RD						
	Function: Multi-City Sewer Lines						
	District: 5 & 7						
	Reassess 99th Ave sewer from the Tolleson Wastewater Treatment Plant to Camelback Rd.						
Design		930,000	-	-	-	-	930,000
Project Total		\$930,000	-	-	-	-	\$930,000
Wastewater Revenues		124,155	-	-	-	-	124,155
SROG - Other Cities Participation		805,845	-	-	-	-	805,845
Funding Total		\$930,000	-	-	-	-	\$930,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90160074	VAN BUREN TO I10 SIPHON REPAIRS						
	Complete the siphon repairs at Van Buren Ave and Interstate 10.						
Other		25,000	-	-	-	-	25,000
Project Total		\$25,000	-	-	-	-	\$25,000
Wastewater Revenues		3,373	-	-	-	-	3,373
SROG - Other Cities Participation		21,627	-	-	-	-	21,627
Funding Total		\$25,000	-	-	-	-	\$25,000
WS90160075	99TH AVE REHABILITATION OLIVE TO BROADWAY						
	Final costs to rehabilitate the 99th Ave sewer, Olive to Broadway.						
Other		25,000	-	-	-	-	25,000
Project Total		\$25,000	-	-	-	-	\$25,000
Wastewater Revenues		8,250	-	-	-	-	8,250
SROG - Other Cities Participation		16,750	-	-	-	-	16,750
Funding Total		\$25,000	-	-	-	-	\$25,000
WS90160076	99TH AVE SIPHON REPAIR / REPLACE						
	Repair or replace the siphon structure at 99th Ave north of Interstate 10.						
Other		27,500	-	-	-	-	27,500
Project Total		\$27,500	-	-	-	-	\$27,500
Wastewater Revenues		3,743	-	-	-	-	3,743
SROG - Other Cities Participation		23,757	-	-	-	-	23,757
Funding Total		\$27,500	-	-	-	-	\$27,500
WS90160077	COP REGIONAL CAPACITY MGMT FAC						
	Acquire land for the Regional Capacity Management Facility.						
Other		28,000	-	-	-	-	28,000
Land Acquisition		20,536,370	-	-	-	-	20,536,370
Project Total		\$20,564,370	-	-	-	-	\$20,564,370
2008 CIC Wastewater Bonds		9,000,000	-	-	-	-	9,000,000
2006 CIC Wastewater Bonds		564,370	-	-	-	-	564,370
2004 CIC Wastewater Bonds		11,000,000	-	-	-	-	11,000,000
Funding Total		\$20,564,370	-	-	-	-	\$20,564,370
WS90160078	REGIONAL CAPACITY MGMT FAC ODOR CONTROL						
	Complete Regional Capacity Mgmt Facilities Odor Control - Phase 1.						
Other		50,000	-	-	-	-	50,000
Project Total		\$50,000	-	-	-	-	\$50,000
SROG - Other Cities Participation		36,100	-	-	-	-	36,100
2006 CIC Wastewater Bonds		13,900	-	-	-	-	13,900
Funding Total		\$50,000	-	-	-	-	\$50,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90200001	23RD AVE WASTEWATER TREATMENT PLANT REPLACEMENT FUND	Function: 23rd Avenue WWTP				District: 3	
Repair and replace 23rd Ave Wastewater Treatment Plant equipment.							
Other		25,000	-	-	-	-	25,000
Equipment		1,540,000	1,587,000	1,700,000	1,750,000	1,800,000	8,377,000
Project Total		\$1,565,000	\$1,587,000	\$1,700,000	\$1,750,000	\$1,800,000	\$8,402,000
Wastewater Replacement - 23rd Avenue WWTP		1,565,000	1,587,000	1,700,000	1,750,000	1,800,000	8,402,000
Funding Total		\$1,565,000	\$1,587,000	\$1,700,000	\$1,750,000	\$1,800,000	\$8,402,000
WS90200023	23RD AVE TOXICITY IDENTIFICATION AND REDUCTION EVALUATION	Function: 23rd Avenue WWTP				District: 3	
Consultant to perform toxicity identification and reduction evaluation.							
Other		15,000	-	-	-	-	15,000
Design		200,000	-	-	-	-	200,000
Project Total		\$215,000	-	-	-	-	\$215,000
Wastewater Revenues		215,000	-	-	-	-	215,000
Funding Total		\$215,000	-	-	-	-	\$215,000
WS90200027	OPERABILITY PHASE II/SUPPORT SYSTEMS	Function: 23rd Avenue WWTP				District: 3	
Construct Phase II operational improvements to increase plant efficiency.							
Other		35,000	-	-	-	-	35,000
Construction		1,910,000	-	-	-	-	1,910,000
Project Total		\$1,945,000	-	-	-	-	\$1,945,000
Wastewater Revenues		1,945,000	-	-	-	-	1,945,000
Funding Total		\$1,945,000	-	-	-	-	\$1,945,000
WS90200032	23RD AVE WASTEWATER TREATMENT PLANT DISTRIBUTED CONTROL SYSTEM	Function: 23rd Avenue WWTP				District: 3	
Replace the Distributed Control System (DCS) at 23rd Ave Wastewater Treatment Plant.							
Other		25,000	-	-	-	-	25,000
Project Total		\$25,000	-	-	-	-	\$25,000
Wastewater Revenues		25,000	-	-	-	-	25,000
Funding Total		\$25,000	-	-	-	-	\$25,000
WS90200033	23RD AVE WASTEWATER TREATMENT PLANT3 PHASE DIGESTOR CONVERSION	Function: 23rd Avenue WWTP				District: 3	
Complete digester conversion at the 23rd Ave Wastewater Treatment Plant from Phase 2 to Phase 3 digestion. Estimated full-year ongoing operating costs: \$320,000							
Other		35,000	-	-	-	-	35,000
Design		-	-	500,000	-	-	500,000
Construction		-	-	-	-	13,000,000	13,000,000
Project Total		\$35,000	-	\$500,000	-	\$13,000,000	\$13,535,000
Wastewater Revenues		35,000	-	-	-	13,000,000	13,035,000
2008 CIC Wastewater Bonds		-	-	500,000	-	-	500,000
Funding Total		\$35,000	-	\$500,000	-	\$13,000,000	\$13,535,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90200037	INSTRUMENTATION AND CONTROLS INSPECTIONS	Function: 23rd Avenue WWTP				District: 3	
Provide inspection for instrumentation and control projects at the 23rd Ave Wastewater Treatment Plant.							
Other		35,000	-	-	-	-	35,000
Design		-	-	685,000	-	730,000	1,415,000
Project Total		\$35,000	-	\$685,000	-	\$730,000	\$1,450,000
Wastewater Revenues		35,000	-	685,000	-	730,000	1,450,000
Funding Total		\$35,000	-	\$685,000	-	\$730,000	\$1,450,000
WS90200038	23RD AVE WASTEWATER TREATMENT PLANT PROCESS CONTROL OPTIMIZATION	Function: 23rd Avenue WWTP				District: 3	
Improve efficiency of existing control systems.							
Other		35,000	-	-	-	-	35,000
Design		550,000	-	580,000	-	615,000	1,745,000
Project Total		\$585,000	-	\$580,000	-	\$615,000	\$1,780,000
Wastewater Revenues		585,000	-	580,000	-	615,000	1,780,000
Funding Total		\$585,000	-	\$580,000	-	\$615,000	\$1,780,000
WS90200042	23RD AVE VARIABLE FLUID DRIVE REPLACEMENT PROGRAM	Function: 23rd Avenue WWTP				District: 3	
Replace variable fluid drives throughout the plant as they reach the end of their mechanical life.							
Other		25,000	-	-	-	-	25,000
Equipment		240,000	245,000	-	-	-	485,000
Project Total		\$265,000	\$245,000	-	-	-	\$510,000
Wastewater Revenues		265,000	245,000	-	-	-	510,000
Funding Total		\$265,000	\$245,000	-	-	-	\$510,000
WS90200044	23RD WWTP LOCAL LIMITS STUDY 201213	Function: 23rd Avenue WWTP				District: Citywide	
Conduct a regulatory study to implement new requirements, procedures and process at the 23rd Av Wastewater Treatment Plant.							
Design		-	-	-	-	875,000	875,000
Project Total		-	-	-	-	\$875,000	\$875,000
Wastewater Revenues		-	-	-	-	875,000	875,000
Funding Total		-	-	-	-	\$875,000	\$875,000
WS90200045	23RD AVE WASTEWATER TREATMENT PLANT ARC FLASH ANALYSIS	Function: 23rd Avenue WWTP				District: 3	
Test and document electrical equipment to meet new electrical and fire code requirements.							
Other		35,000	-	-	-	-	35,000
Project Total		\$35,000	-	-	-	-	\$35,000
Wastewater Revenues		35,000	-	-	-	-	35,000
Funding Total		\$35,000	-	-	-	-	\$35,000
WS90200046	23RD AVE / CAVE CREEK LOCAL LIMITS PHASE III	Function: 23rd Avenue WWTP				District: Citywide	
Conduct a regulatory study to implement new requirements, procedures and process at the 23rd Ave Wastewater Treatment Plant and Cave Creek Water Reclamation Plant.							
Other		35,000	-	-	-	-	35,000
Project Total		\$35,000	-	-	-	-	\$35,000
Wastewater Revenues		35,000	-	-	-	-	35,000
Funding Total		\$35,000	-	-	-	-	\$35,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90200050	23RD AVE WWTP MASTER PLAN	Function: 23rd Avenue WWTP				District: 7	
Update Master Plan based on evaluations of the portfolio and management options for the facility.							
Other		22,000	-	-	-	-	22,000
Project Total		\$22,000	-	-	-	-	\$22,000
2006 CIC Wastewater Bonds		22,000	-	-	-	-	22,000
Funding Total		\$22,000	-	-	-	-	\$22,000
WS90400018	LIFT STATION EXPANSIONS	Function: Lift Stations				District: 7	
Construct lift station expansions.							
Other		37,500	-	-	-	-	37,500
Construction		1,666,500	935,000	935,000	935,000	935,000	5,406,500
Project Total		\$1,704,000	\$935,000	\$935,000	\$935,000	\$935,000	\$5,444,000
Wastewater Development Occupational Fee		1,704,000	935,000	935,000	935,000	935,000	5,444,000
Funding Total		\$1,704,000	\$935,000	\$935,000	\$935,000	\$935,000	\$5,444,000
WS90400019	LIFT STATION 107TH AVE AND ROESER	Function: Lift Stations				District: 7	
Design and construct a Lift Station at 107th Ave and Roeser Road.							
Other		425,000	-	-	-	-	425,000
Land Acquisition		1,085,000	-	-	-	-	1,085,000
Design		-	6,000,000	4,000,000	-	-	10,000,000
Construction		-	-	47,000,000	-	-	47,000,000
Project Total		\$1,510,000	\$6,000,000	\$51,000,000	-	-	\$58,510,000
Wastewater Revenues		1,065,000	-	-	-	-	1,065,000
Impact Fee - Estrella, South -WW		445,000	6,000,000	-	-	-	6,445,000
2008 CIC Wastewater Bonds		-	-	51,000,000	-	-	51,000,000
Funding Total		\$1,510,000	\$6,000,000	\$51,000,000	-	-	\$58,510,000
WS90400022	LIFT STATION 51 STRUCTURAL REPAIRS	Function: Lift Stations				District: 2	
Repair lift station at Union Hills and Tatum Boulevard.							
Other		25,000	-	-	-	-	25,000
Project Total		\$25,000	-	-	-	-	\$25,000
2006 CIC Wastewater Bonds		25,000	-	-	-	-	25,000
Funding Total		\$25,000	-	-	-	-	\$25,000
WS90400023	LIFT STATION REPLACEMENT	Function: Lift Stations				District: Citywide	
Repair and replace sewer lift stations.							
Other		25,000	-	-	-	-	25,000
Construction		1,200,000	1,220,000	1,260,000	1,300,000	1,360,000	6,340,000
Project Total		\$1,225,000	\$1,220,000	\$1,260,000	\$1,300,000	\$1,360,000	\$6,365,000
Wastewater Revenues		1,225,000	-	1,260,000	1,300,000	1,360,000	5,145,000
Nonprofit CIC Bonds		-	1,220,000	-	-	-	1,220,000
Funding Total		\$1,225,000	\$1,220,000	\$1,260,000	\$1,300,000	\$1,360,000	\$6,365,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90400025	SCADA UPGRADES FOR WASTEWATER COLLECTION	Function: Lift Stations				District: Citywide	
Upgrade the Wastewater Supervisory Control and Data Acquisition (SCADA) system for the collection system.							
Other		25,000	-	-	-	-	25,000
Construction		1,900,000	-	-	-	-	1,900,000
Project Total		\$1,925,000	-	-	-	-	\$1,925,000
2006 CIC Wastewater Bonds		1,925,000	-	-	-	-	1,925,000
Funding Total		\$1,925,000	-	-	-	-	\$1,925,000
WS90400028	LIFT STATION AT 75TH AVE/SOUTHERN	Function: Lift Stations				District: 7	
Design and construct additional capacity for the 75th Ave and Southern Lift Station.							
Other		8,000	-	-	-	-	8,000
Design		200,000	-	-	-	-	200,000
Construction		-	900,000	-	-	-	900,000
Project Total		\$208,000	\$900,000	-	-	-	\$1,108,000
Impact Fee - Laveen, Wastewater		208,000	900,000	-	-	-	1,108,000
Funding Total		\$208,000	\$900,000	-	-	-	\$1,108,000
WS90400033	LIFT STATION #62 EXPANSION	Function: Lift Stations				District: 7	
Complete existing lift station expansion at 91st Ave and Broadway.							
Other		25,000	-	-	-	-	25,000
Project Total		\$25,000	-	-	-	-	\$25,000
Wastewater Revenues		25,000	-	-	-	-	25,000
Funding Total		\$25,000	-	-	-	-	\$25,000
WS90400034	LIFT STATION #58 EXPANSION	Function: Lift Stations				District: 3	
Complete lift station expansion at 20th St and Maryland Ave.							
Other		25,000	-	-	-	-	25,000
Project Total		\$25,000	-	-	-	-	\$25,000
Wastewater Revenues		25,000	-	-	-	-	25,000
Funding Total		\$25,000	-	-	-	-	\$25,000
WS90400035	LIFT STATION #56 ASSESS & DESIGN	Function: Lift Stations				District: 6	
Complete lift station No. 56 rehabilitation at 7th Ave and Pecos Rd.							
Other		4,000	-	-	-	-	4,000
Project Total		\$4,000	-	-	-	-	\$4,000
Wastewater Revenues		4,000	-	-	-	-	4,000
Funding Total		\$4,000	-	-	-	-	\$4,000
WS90400037	LIFT STATION #54 ASSESSMENT/DESIGN	Function: Lift Stations				District: 6	
Complete new pumps, electrical and instrumentation of lift station at 372 E. Lincoln Dr.							
Other		4,000	-	-	-	-	4,000
Project Total		\$4,000	-	-	-	-	\$4,000
Wastewater Revenues		4,000	-	-	-	-	4,000
Funding Total		\$4,000	-	-	-	-	\$4,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90400038	LIFT STATION #46 ASSESSMENT/DESIGN						
	Function: Lift Stations						
	District: 5						
	Complete new scrubber, electrical and instrumentation of lift station at 10652 W. Indian School Rd.						
Other		4,000	-	-	-	-	4,000
Project Total		\$4,000	-	-	-	-	\$4,000
Wastewater Revenues		4,000	-	-	-	-	4,000
Funding Total		\$4,000	-	-	-	-	\$4,000
WS90400039	LIFT STATION #49 ASSESSMENT/DESIGN						
	Function: Lift Stations						
	District: 6						
	Complete pumps, electrical, instrumentation and odor scrubber at lift station at 1239 E. Orangewood Ave.						
Other		25,000	-	-	-	-	25,000
Project Total		\$25,000	-	-	-	-	\$25,000
Wastewater Revenues		25,000	-	-	-	-	25,000
Funding Total		\$25,000	-	-	-	-	\$25,000
WS90400040	LIFT STATION #42 SECURITY UPGRADES						
	Function: Lift Stations						
	District: 6						
	Complete security upgrades for lift station 42.						
Other		4,000	-	-	-	-	4,000
Project Total		\$4,000	-	-	-	-	\$4,000
Wastewater Revenues		4,000	-	-	-	-	4,000
Funding Total		\$4,000	-	-	-	-	\$4,000
WS90400041	LIFT STATION #43 SECURITY UPGRADES						
	Function: Lift Stations						
	District: 7						
	Complete security upgrades for lift station 43.						
Other		25,000	-	-	-	-	25,000
Project Total		\$25,000	-	-	-	-	\$25,000
Wastewater Revenues		25,000	-	-	-	-	25,000
Funding Total		\$25,000	-	-	-	-	\$25,000
WS90400042	LIFT STATION #64 SECURITY UPGRADES						
	Function: Lift Stations						
	District: 2						
	Complete security upgrades for lift station 64.						
Other		25,000	-	-	-	-	25,000
Project Total		\$25,000	-	-	-	-	\$25,000
Wastewater Revenues		25,000	-	-	-	-	25,000
Funding Total		\$25,000	-	-	-	-	\$25,000
WS90400043	LIFT STATION #46 SECURITY UPGRADES						
	Function: Lift Stations						
	District: 5						
	Complete security upgrades for lift station 46.						
Other		25,000	-	-	-	-	25,000
Project Total		\$25,000	-	-	-	-	\$25,000
Wastewater Revenues		25,000	-	-	-	-	25,000
Funding Total		\$25,000	-	-	-	-	\$25,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90400045	LIFT STATION #41 FORCEMAIN BYPASS STUDY	Function: Lift Stations				District: 6	
Study feasibility to bypass Lift Station 41.							
Other		21,000	-	-	-	-	21,000
Project Total		\$21,000	-	-	-	-	\$21,000
Wastewater Development Occupational Fee		21,000	-	-	-	-	21,000
Funding Total		\$21,000	-	-	-	-	\$21,000
WS90400050	LIFT STATION #40 ODOR CONTROL UPGRADE	Function: Lift Stations				District: 6	
Upgrade Lift Station 40 odor control.							
Other		9,000	5,000	-	-	-	14,000
Construction		270,000	-	-	-	-	270,000
Project Total		\$279,000	\$5,000	-	-	-	\$284,000
Wastewater Revenues		279,000	5,000	-	-	-	284,000
Funding Total		\$279,000	\$5,000	-	-	-	\$284,000
WS90500007	SEWER OVERSIZING	Function: Phoenix Sewers				District: 1 & 2	
Participate with developers in construction of new sewer facilities.							
Construction		-	-	500,000	-	-	500,000
Project Total		-	-	\$500,000	-	-	\$500,000
Wastewater Revenues		-	-	500,000	-	-	500,000
Funding Total		-	-	\$500,000	-	-	\$500,000
WS90500012	SEWER MANHOLE/STRUCTURE REPLACEMENT	Function: Phoenix Sewers				District: Citywide	
Replace deteriorated sewer mains and manholes.							
Other		50,000	-	-	-	-	50,000
Construction		1,266,000	1,300,000	1,300,000	1,300,000	1,300,000	6,466,000
Project Total		\$1,316,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$6,516,000
Wastewater System Replacement - Lines		275,000	300,000	300,000	300,000	300,000	1,475,000
Wastewater Revenues		1,041,000	1,000,000	1,000,000	1,000,000	1,000,000	5,041,000
Funding Total		\$1,316,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$6,516,000
WS90500013	SEWER SERVICE CONNECTIONS	Function: Phoenix Sewers				District: Citywide	
Install new sewer connections.							
Other		305,000	270,000	270,000	270,000	270,000	1,385,000
Project Total		\$305,000	\$270,000	\$270,000	\$270,000	\$270,000	\$1,385,000
Wastewater Revenues		305,000	270,000	270,000	270,000	270,000	1,385,000
Funding Total		\$305,000	\$270,000	\$270,000	\$270,000	\$270,000	\$1,385,000
WS90500021	SEWERS AHEAD OF STREET IMPROVEMENTS	Function: Phoenix Sewers				District: Citywide	
Construct sanitary sewers ahead of street construction.							
Other		25,000	-	-	-	-	25,000
Construction		-	-	300,000	-	-	300,000
Project Total		\$25,000	-	\$300,000	-	-	\$325,000
Wastewater Revenues		25,000	-	300,000	-	-	325,000
Funding Total		\$25,000	-	\$300,000	-	-	\$325,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90500023	WASTEWATER CONSTRUCTION CONTINGENCIES	Function: Phoenix Sewers				District: Citywide	
Construction contingency for change orders, inflationary increases and other unexpected costs.							
Other		15,000	-	-	-	-	15,000
Equipment		-	805,000	-	-	-	805,000
Construction		4,584,298	4,618,750	6,177,917	4,792,622	7,181,338	27,354,925
Project Total		\$4,599,298	\$5,423,750	\$6,177,917	\$4,792,622	\$7,181,338	\$28,174,925
Wastewater Revenues		454,318	2,844,030	2,168,792	525,406	2,945,203	8,937,749
Wastewater Development Occupational Fee		-	-	-	-	1,000,000	1,000,000
SROG - Other Cities Participation		1,554,508	2,054,650	2,231,290	2,848,326	1,280,338	9,969,112
Nonprofit CIC Bonds		-	69,773	1,497,037	1,179,890	1,955,797	4,702,497
Impact Fee - Laveen, Wastewater		694,264	-	-	-	-	694,264
2008 CIC Wastewater Bonds		1,896,208	455,297	280,798	239,000	-	2,871,303
Funding Total		\$4,599,298	\$5,423,750	\$6,177,917	\$4,792,622	\$7,181,338	\$28,174,925
WS90500107	SEWER RELOCATIONS FOR LIGHT RAIL	Function: Phoenix Sewers				District: 4 & 8	
Relocate sewers for Light Rail transit.							
Construction		10,000,000	-	-	-	-	10,000,000
Project Total		\$10,000,000	-	-	-	-	\$10,000,000
2008 CIC Wastewater Bonds		10,000,000	-	-	-	-	10,000,000
Funding Total		\$10,000,000	-	-	-	-	\$10,000,000
WS90500108	MASTER PLAN SEWERS	Function: Phoenix Sewers				District: 7	
Develop a master plan for sewers.							
Other		15,000	-	-	-	-	15,000
Project Total		\$15,000	-	-	-	-	\$15,000
2006 CIC Wastewater Bonds		15,000	-	-	-	-	15,000
Funding Total		\$15,000	-	-	-	-	\$15,000
WS90500115	LINED CONCRETE REHABILITATION	Function: Phoenix Sewers				District: Citywide	
Rehabilitate Phoenix lined concrete sewers.							
Other		60,000	-	-	-	-	60,000
Construction		606,000	1,943,000	2,700,000	2,700,000	2,700,000	10,649,000
Project Total		\$666,000	\$1,943,000	\$2,700,000	\$2,700,000	\$2,700,000	\$10,709,000
Wastewater Revenues		666,000	-	-	2,700,000	2,700,000	6,066,000
Nonprofit CIC Bonds		-	1,943,000	2,700,000	-	-	4,643,000
Funding Total		\$666,000	\$1,943,000	\$2,700,000	\$2,700,000	\$2,700,000	\$10,709,000
WS90500118	SMALL DIAMETER SEWER REHABILITATION	Function: Phoenix Sewers				District: Citywide	
Rehabilitate small diameter sewers.							
Other		60,000	-	-	-	-	60,000
Construction		2,071,320	8,000,000	8,200,000	8,500,000	8,700,000	35,471,320
Project Total		\$2,131,320	\$8,000,000	\$8,200,000	\$8,500,000	\$8,700,000	\$35,531,320
Wastewater Revenues		-	-	8,200,000	8,500,000	8,700,000	25,400,000
2008 CIC Wastewater Bonds		2,131,320	8,000,000	-	-	-	10,131,320
Funding Total		\$2,131,320	\$8,000,000	\$8,200,000	\$8,500,000	\$8,700,000	\$35,531,320

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90500125	SEWER CLEANING	Function: Phoenix Sewers				District: Citywide	
Clean sewer and perform Closed Circuit Television (CCTV) inspection.							
Other		30,000	-	-	-	-	30,000
Construction		700,000	700,000	700,000	750,000	700,000	3,550,000
Project Total		\$730,000	\$700,000	\$700,000	\$750,000	\$700,000	\$3,580,000
Wastewater Revenues		730,000	700,000	700,000	750,000	700,000	3,580,000
Funding Total		\$730,000	\$700,000	\$700,000	\$750,000	\$700,000	\$3,580,000
WS90500141	INSTRUMENTATION AND CONTROL INSPECTIONS COLLECTION SYSTEM	Function: Phoenix Sewers				District: Citywide	
Inspect instrumentation and controls for sewer collection system projects as needed.							
Other		35,000	-	-	-	-	35,000
Design		-	-	685,000	-	730,000	1,415,000
Project Total		\$35,000	-	\$685,000	-	\$730,000	\$1,450,000
Wastewater Revenues		35,000	-	685,000	-	730,000	1,450,000
Funding Total		\$35,000	-	\$685,000	-	\$730,000	\$1,450,000
WS90500144	BROADWAY ROAD PARALLEL SEWER	Function: Phoenix Sewers				District: 7 & 8	
Construct parallel sections for the Broadway Road sewer from 32nd St to 51st Ave.							
Other		75,000	-	-	-	-	75,000
Land Acquisition		2,000,000	-	-	-	-	2,000,000
Construction		17,400,000	13,000,000	10,000,000	2,000,000	-	42,400,000
Project Total		\$19,475,000	\$13,000,000	\$10,000,000	\$2,000,000	-	\$44,475,000
Wastewater Revenues		-	5,918,750	5,000,000	-	-	10,918,750
Wastewater Development Occupational Fee		19,475,000	7,081,250	-	-	-	26,556,250
Nonprofit CIC Bonds		-	-	5,000,000	2,000,000	-	7,000,000
Funding Total		\$19,475,000	\$13,000,000	\$10,000,000	\$2,000,000	-	\$44,475,000
WS90500159	SANITARY SEWER FLOW MONITORING AND INFLOW/INFILTRATION PILOT STUDY	Function: Phoenix Sewers				District: Citywide	
Conduct a flow monitoring and rehabilitation sewer inflow/infiltration pilot study.							
Construction		2,500,000	-	-	-	-	2,500,000
Project Total		\$2,500,000	-	-	-	-	\$2,500,000
Wastewater Revenues		2,500,000	-	-	-	-	2,500,000
Funding Total		\$2,500,000	-	-	-	-	\$2,500,000
WS90500160	IMPROVEMENT DISTRICT 56TH STREET NORTH OF CAMELBACK TO VALLE VISTA	Function: Phoenix Sewers				District: 6	
Sewer improvement district on 56th St from Wonderview Rd to Valle Vista Road.							
Other		15,000	-	-	-	-	15,000
Project Total		\$15,000	-	-	-	-	\$15,000
2006 CIC Wastewater Bonds		15,000	-	-	-	-	15,000
Funding Total		\$15,000	-	-	-	-	\$15,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90500161	RELIEF SEWERS CITYWIDE	Function: Phoenix Sewers				District: Citywide	
Construct relief sewers citywide.							
Other		230,000	-	-	-	-	230,000
Construction		9,028,000	11,000,000	20,000,000	28,000,000	13,000,000	81,028,000
Project Total		\$9,258,000	\$11,000,000	\$20,000,000	\$28,000,000	\$13,000,000	\$81,258,000
Wastewater Revenues		1,500,000	4,000,000	15,000,000	7,000,000	13,000,000	40,500,000
Wastewater Development Occupational Fee		6,950,000	-	5,000,000	8,000,000	-	19,950,000
Nonprofit CIC Bonds		-	7,000,000	-	13,000,000	-	20,000,000
2008 CIC Wastewater Bonds		808,000	-	-	-	-	808,000
Funding Total		\$9,258,000	\$11,000,000	\$20,000,000	\$28,000,000	\$13,000,000	\$81,258,000
WS90500175	WASTEWATER IMPACT FEE CONTINGENCY	Function: Phoenix Sewers				District: Citywide	
Funds available for programming various impact fee areas as projects are identified.							
Construction		2,417,000	-	-	-	-	2,417,000
Project Total		\$2,417,000	-	-	-	-	\$2,417,000
Southern Wastewater Laveen East Impact Fees		118,000	-	-	-	-	118,000
Impact Fee - Estrella, South -WW		867,000	-	-	-	-	867,000
Impact Fee - Estrella, North - WW		118,000	-	-	-	-	118,000
Impact Fee - Deer Valley 4, Wastewater		62,000	-	-	-	-	62,000
Impact Fee - Deer Valley 3, Wastewater		297,000	-	-	-	-	297,000
Impact Fee - Deer Valley 2, Wastewater		172,000	-	-	-	-	172,000
Impact Fee - Deer Valley 1, Wastewater		530,000	-	-	-	-	530,000
Impact Fee - Ahwatukee, East - WW		253,000	-	-	-	-	253,000
Funding Total		\$2,417,000	-	-	-	-	\$2,417,000
WS90500184	SSRR BASIN N #8	Function: Phoenix Sewers				District: 3	
Complete construction relief sewers near Cactus Rd and Tatum Blvd.							
Other		25,000	-	-	-	-	25,000
Project Total		\$25,000	-	-	-	-	\$25,000
2006 CIC Wastewater Bonds		25,000	-	-	-	-	25,000
Funding Total		\$25,000	-	-	-	-	\$25,000
WS90500190	SSRR BASIN H #32	Function: Phoenix Sewers				District: 2	
Complete relief sewer at Greenway from 44th St to Tatum and relief sewer at Greenway and 52nd St.							
Other		25,000	-	-	-	-	25,000
Project Total		\$25,000	-	-	-	-	\$25,000
2006 CIC Wastewater Bonds		25,000	-	-	-	-	25,000
Funding Total		\$25,000	-	-	-	-	\$25,000
WS90500191	SSRR PROJECT #13	Function: Phoenix Sewers				District: 4 & 5	
Complete relief sewer in the area bounded by Tuckey Lane, 27th Ave, Bethany Home Road and 33rd Ave.							
Other		10,000	-	-	-	-	10,000
Project Total		\$10,000	-	-	-	-	\$10,000
2006 CIC Wastewater Bonds		10,000	-	-	-	-	10,000
Funding Total		\$10,000	-	-	-	-	\$10,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90500192	SSRR PROJECT #14						
	Complete relief sewer north of Missouri from 27th Ave to 35th Ave.						
Other		10,000	-	-	-	-	10,000
Project Total		\$10,000	-	-	-	-	\$10,000
2006 CIC Wastewater Bonds		10,000	-	-	-	-	10,000
Funding Total		\$10,000	-	-	-	-	\$10,000
WS90500193	SSRR PROJECT #23						
	Complete relief sewer in 71st Ave from the Grand Canal to Indian School Road.						
Other		25,000	-	-	-	-	25,000
Project Total		\$25,000	-	-	-	-	\$25,000
2006 CIC Wastewater Bonds		25,000	-	-	-	-	25,000
Funding Total		\$25,000	-	-	-	-	\$25,000
WS90500196	PHOENIX PVC LINED SEWER REHAB						
	Rehabilitate PVC lined sewers.						
Other		40,000	-	-	-	-	40,000
Project Total		\$40,000	-	-	-	-	\$40,000
Wastewater Revenues		40,000	-	-	-	-	40,000
Funding Total		\$40,000	-	-	-	-	\$40,000
WS90500197	WASTEWATER IMPROVEMENT DISTRICT FUND						
	Construction of new sewer lines in sewer improvement district areas.						
Other		15,000	-	-	-	-	15,000
Design		500,000	-	-	-	-	500,000
Construction		2,000,000	-	-	-	-	2,000,000
Project Total		\$2,515,000	-	-	-	-	\$2,515,000
Wastewater Revenues		500,000	-	-	-	-	500,000
Sani Swr Imp Dist Projects-Prop Ownr Par		2,015,000	-	-	-	-	2,015,000
Funding Total		\$2,515,000	-	-	-	-	\$2,515,000
WS90500201	SEWER RELIEF #24						
	Complete sewer lines on 15th Ave/I-17 to Watkins and 7th Ave & Watkins.						
Other		10,000	-	-	-	-	10,000
Project Total		\$10,000	-	-	-	-	\$10,000
2006 CIC Wastewater Bonds		10,000	-	-	-	-	10,000
Funding Total		\$10,000	-	-	-	-	\$10,000
WS90500202	SEWER RELIEF #25						
	Complete sewer lines on Sweetwater and easement to Thunderbird and Coral Gables and Sweetwater Drainage ROW between 19th and 23rd Ave.						
Other		25,000	-	-	-	-	25,000
Project Total		\$25,000	-	-	-	-	\$25,000
2006 CIC Wastewater Bonds		25,000	-	-	-	-	25,000
Funding Total		\$25,000	-	-	-	-	\$25,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90500205	SEWER RELIEF #28	Function: Phoenix Sewers				District: 7	
Complete sewer lines on Roosevelt St and 47th Ave.							
Other		10,000	-	-	-	-	10,000
Project Total		\$10,000	-	-	-	-	\$10,000
Wastewater Development Occupational Fee		10,000	-	-	-	-	10,000
Funding Total		\$10,000	-	-	-	-	\$10,000
WS90500209	SEWER RELIEF #34	Function: Phoenix Sewers				District: 1	
Complete sewer lines on Peoria Ave from 35th Ave to 39th Ave and 35th Ave from Peoria Ave to Cactus Ave.							
Other		25,000	-	-	-	-	25,000
Project Total		\$25,000	-	-	-	-	\$25,000
2006 CIC Wastewater Bonds		25,000	-	-	-	-	25,000
Funding Total		\$25,000	-	-	-	-	\$25,000
WS90500211	SEWER RELIEF #39	Function: Phoenix Sewers				District: 3	
Complete sewer lines on Peoria Ave from 25th Ave to west of 24th Ave, 40th St. and Sanford Dr., 47th Ave. and Saddlehorn Rd., 31st Ave. and Lone Cactus Dr.							
Other		25,000	-	-	-	-	25,000
Construction		1,275,000	-	-	-	-	1,275,000
Project Total		\$1,300,000	-	-	-	-	\$1,300,000
Wastewater Development Occupational Fee		600,000	-	-	-	-	600,000
2006 CIC Wastewater Bonds		700,000	-	-	-	-	700,000
Funding Total		\$1,300,000	-	-	-	-	\$1,300,000
WS90500215	SEWER RELIEF #43	Function: Phoenix Sewers				District: 7	
Complete sewer lines on Desert Lane and 8th St.							
Other		10,000	-	-	-	-	10,000
Project Total		\$10,000	-	-	-	-	\$10,000
2006 CIC Wastewater Bonds		10,000	-	-	-	-	10,000
Funding Total		\$10,000	-	-	-	-	\$10,000
WS90500217	32ND ST & HIGHLINE CANAL SEWER EXTENSION	Function: Phoenix Sewers				District: 8	
Complete sewer lines north of the SRP Highline Canal and west of South 34th Place under the Highline Canal.							
Other		20,000	-	-	-	-	20,000
Project Total		\$20,000	-	-	-	-	\$20,000
Wastewater Revenues		20,000	-	-	-	-	20,000
Funding Total		\$20,000	-	-	-	-	\$20,000
WS90500218	23RD ST & OAK SEWER LINE REPLACEMENT	Function: Phoenix Sewers				District: 8	
Complete approximately 350 feet of Vitrified Clay Pipe in the alley west of 23rd St and south of Oak St with High-Density Polyethylene pipe.							
Other		25,000	-	-	-	-	25,000
Project Total		\$25,000	-	-	-	-	\$25,000
Wastewater Revenues		25,000	-	-	-	-	25,000
Funding Total		\$25,000	-	-	-	-	\$25,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90500219	ACCOUNTABILITY METER CHANGE - WW						
	Function: Phoenix Sewers						
	District: Citywide						
	Wastewater's share of costs to replace inaccurate water meters.						
Equipment		67,000	-	-	-	-	67,000
Project Total		\$67,000	-	-	-	-	\$67,000
Wastewater Revenues		67,000	-	-	-	-	67,000
Funding Total		\$67,000	-	-	-	-	\$67,000
WS90500222	UNLINED CONCRETE REHAB SEGMENTS C2&C3						
	Function: Phoenix Sewers						
	District: 7						
	Complete 2,613 linear feet (LF) of 30-inch, 2,663 LF of 33-inch, 9,643 LF of 36-inch, and 2,499 LF of 39-inch unlined concrete sewer line.						
Other		4,000	-	-	-	-	4,000
Project Total		\$4,000	-	-	-	-	\$4,000
2006 CIC Wastewater Bonds		4,000	-	-	-	-	4,000
Funding Total		\$4,000	-	-	-	-	\$4,000
WS90500223	PURCHASE ROW FOR LAVEEN MASTER PLAN SEWER						
	Function: Phoenix Sewers						
	District: 7						
	Complete right-of-way purchase for Laveen Sewers.						
Other		25,000	-	-	-	-	25,000
Land Acquisition		2,800,000	-	-	-	-	2,800,000
Project Total		\$2,825,000	-	-	-	-	\$2,825,000
Impact Fee - Laveen, Wastewater		2,825,000	-	-	-	-	2,825,000
Funding Total		\$2,825,000	-	-	-	-	\$2,825,000
WS90500224	LIGHT RAIL NW EXTENSION SEWER RELOCATION						
	Function: Phoenix Sewers						
	District: 1, 4 & 5						
	Construct sewer relocations for the Light Rail NW Extension.						
Other		25,000	-	-	-	-	25,000
Construction		2,500,000	12,500,000	-	-	-	15,000,000
Project Total		\$2,525,000	\$12,500,000	-	-	-	\$15,025,000
Nonprofit CIC Bonds		-	12,500,000	-	-	-	12,500,000
2008 CIC Wastewater Bonds		2,525,000	-	-	-	-	2,525,000
Funding Total		\$2,525,000	\$12,500,000	-	-	-	\$15,025,000
WS90500225	SEWER LINE FOR CALASERA AT DESERT RIDGE						
	Function: Phoenix Sewers						
	District: 2						
	Inspect developer constructed sewer at Desert Ridge.						
Other		36,000	-	-	-	-	36,000
Project Total		\$36,000	-	-	-	-	\$36,000
Wastewater Revenues		36,000	-	-	-	-	36,000
Funding Total		\$36,000	-	-	-	-	\$36,000
WS90500227	EXPANDING ODOR CONTROL STATION #82						
	Function: Phoenix Sewers						
	District: 8						
	Complete expansion of odor control station #82 at 15th St and Jefferson.						
Other		8,300	-	-	-	-	8,300
Construction		150,000	-	-	-	-	150,000
Project Total		\$158,300	-	-	-	-	\$158,300
Wastewater Revenues		158,300	-	-	-	-	158,300
Funding Total		\$158,300	-	-	-	-	\$158,300

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90500228	HOMESTEAD LANE GRAVITY SEWER INSTALL	Function: Phoenix Sewers				District: 6	
Complete Homestead Lane sewer.							
Other		6,000	-	-	-	-	6,000
Project Total		\$6,000	-	-	-	-	\$6,000
2008 CIC Wastewater Bonds		6,000	-	-	-	-	6,000
Funding Total		\$6,000	-	-	-	-	\$6,000
WS90500229	PHOENIX PVC LINED SEWER REHAB.	Function: Phoenix Sewers				District: Citywide	
Rehabilitate PVC lined sewers.							
Other		82,000	57,000	-	-	-	139,000
Design		512,000	-	-	-	-	512,000
Construction		6,400,000	-	-	-	-	6,400,000
Project Total		\$6,994,000	\$57,000	-	-	-	\$7,051,000
Wastewater Revenues		6,994,000	-	-	-	-	6,994,000
2008 CIC Wastewater Bonds		-	57,000	-	-	-	57,000
Funding Total		\$6,994,000	\$57,000	-	-	-	\$7,051,000
WS90500231	GAC FACILITY: HAPPY VALLEY 7TH AVE. SEWER	Function: Phoenix Sewers				District: Citywide	
Construct 6,000 linear feet of 8" diameter sewer on Happy Valley Rd.							
Design		725,000	-	-	-	-	725,000
Project Total		\$725,000	-	-	-	-	\$725,000
Wastewater Revenues		725,000	-	-	-	-	725,000
Funding Total		\$725,000	-	-	-	-	\$725,000
WS90500232	SEWER ANNUAL EMERGENCY REPAIR CONTRACT	Function: Phoenix Sewers				District: Citywide	
Replace and repair sewer mains and other sewer system items as needed.							
Other		25,000	25,000	25,000	25,000	25,000	125,000
Design		-	90,000	90,000	100,000	100,000	380,000
Construction		890,000	800,000	830,000	850,000	875,000	4,245,000
Project Total		\$915,000	\$915,000	\$945,000	\$975,000	\$1,000,000	\$4,750,000
Wastewater Revenues		915,000	915,000	945,000	975,000	1,000,000	4,750,000
Funding Total		\$915,000	\$915,000	\$945,000	\$975,000	\$1,000,000	\$4,750,000
WS90500235	NORTHERN WASTEWATER DESERT VIEW	Function: Phoenix Sewers				District: 2	
Construct large growth-related wastewater infrastructure in the Desert View area.							
Construction		5,490,000	-	-	-	-	5,490,000
Project Total		\$5,490,000	-	-	-	-	\$5,490,000
Impact Fee - Desert View, Wastewater		5,490,000	-	-	-	-	5,490,000
Funding Total		\$5,490,000	-	-	-	-	\$5,490,000
WS90500236	NORTHERN WASTEWATER NORTH GATEWAY	Function: Phoenix Sewers				District: 1 & 2	
Construct large growth-related wastewater infrastructure in the North Gateway area.							
Construction		7,400,000	-	-	-	-	7,400,000
Project Total		\$7,400,000	-	-	-	-	\$7,400,000
Impact Fee - North Gateway, Wastewater		7,400,000	-	-	-	-	7,400,000
Funding Total		\$7,400,000	-	-	-	-	\$7,400,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90500237	SOUTHERN WASTEWATER LAVEEN WEST	Function: Phoenix Sewers				District: 7	
Construct large growth-related wastewater infrastructure in the Laveen West area.							
Construction		3,550,000	-	-	-	-	3,550,000
Project Total		\$3,550,000	-	-	-	-	\$3,550,000
Impact Fee - Laveen, Wastewater		3,550,000	-	-	-	-	3,550,000
Funding Total		\$3,550,000	-	-	-	-	\$3,550,000
WS90660003	EOMM CONTENT UPDATE AND USER TRAINING	Function: Automation				District: Citywide	
Prepare Electronic Operations & Maintenance Manuals (EOMM) and training in the Information Access System (IAS).							
Other		35,000	-	-	-	-	35,000
Project Total		\$35,000	-	-	-	-	\$35,000
Wastewater Revenues		35,000	-	-	-	-	35,000
Funding Total		\$35,000	-	-	-	-	\$35,000
WS90660004	CSD MOBILE FIELD WORK ORDER SYSTEM	Function: Automation				District: Citywide	
Develop mobile wireless field work order system to interface with the CIS mobile work management system.							
Estimated full-year ongoing operating costs: \$30,000							
Equipment		1,100,000	-	-	-	-	1,100,000
Project Total		\$1,100,000	-	-	-	-	\$1,100,000
2008 CIC Wastewater Bonds		1,100,000	-	-	-	-	1,100,000
Funding Total		\$1,100,000	-	-	-	-	\$1,100,000
WS90700005	WASTEWATER ENGINEERING	Function: Wastewater System Studies				District: Citywide	
Estimated engineering staff costs for future capital improvement projects.							
Other		-	4,500,000	4,500,000	4,500,000	4,500,000	18,000,000
Project Total		-	\$4,500,000	\$4,500,000	\$4,500,000	\$4,500,000	\$18,000,000
Wastewater Revenues		-	-	4,500,000	-	4,500,000	9,000,000
Nonprofit CIC Bonds		-	4,500,000	-	4,500,000	-	9,000,000
Funding Total		-	\$4,500,000	\$4,500,000	\$4,500,000	\$4,500,000	\$18,000,000
WS90700031	ON-CALL CONTROL SYSTEM PROGRAMMING	Function: Wastewater System Studies				District: Citywide	
Provide on-call consultant services for control system programming as necessary.							
Study		200,000	-	-	-	-	200,000
Other		22,000	-	-	-	-	22,000
Project Total		\$222,000	-	-	-	-	\$222,000
Wastewater Revenues		222,000	-	-	-	-	222,000
Funding Total		\$222,000	-	-	-	-	\$222,000
WS90700032	PROCESS CONTROL OPTIMIZATION	Function: Wastewater System Studies				District: Citywide	
Study process control optimization for the collection system.							
Study		-	610,000	-	650,000	-	1,260,000
Other		4,000	-	-	-	-	4,000
Project Total		\$4,000	\$610,000	-	\$650,000	-	\$1,264,000
Wastewater Revenues		-	-	-	650,000	-	650,000
Nonprofit CIC Bonds		-	610,000	-	-	-	610,000
2008 CIC Wastewater Bonds		4,000	-	-	-	-	4,000
Funding Total		\$4,000	\$610,000	-	\$650,000	-	\$1,264,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90700038	CAPITAL IMPROVEMENT PROGRAM PROJECT CONTROLS SYSTEM IMPLEMENTATION	Function: Wastewater System Studies				District: Citywide	
Provide for additional costs and implementation of Capital Improvement Program Controls System.							
Other		900,000	-	-	-	-	900,000
Design		450,000	450,000	-	-	-	900,000
Project Total		\$1,350,000	\$450,000	-	-	-	\$1,800,000
Wastewater Revenues		1,350,000	450,000	-	-	-	1,800,000
Funding Total		\$1,350,000	\$450,000	-	-	-	\$1,800,000
WS90700042	WASTEWATER DEVELOPMENT PLANNING	Function: Wastewater System Studies				District: Citywide	
Wastewater engineering labor charges for developer projects.							
Other		665,000	65,000	65,000	65,000	65,000	925,000
Project Total		\$665,000	\$65,000	\$65,000	\$65,000	\$65,000	\$925,000
Wastewater Development Occupational Fee		665,000	65,000	65,000	65,000	65,000	925,000
Funding Total		\$665,000	\$65,000	\$65,000	\$65,000	\$65,000	\$925,000
WS90700046	AS BUILT CHARGES FOR WASTEWATER CIP PROJECTS	Function: Wastewater System Studies				District: Citywide	
Charges from WSD Technical Support Division for as-built processing fees for Wastewater projects that are closed.							
Other		4,300	4,300	4,300	4,300	4,300	21,500
Project Total		\$4,300	\$4,300	\$4,300	\$4,300	\$4,300	\$21,500
Wastewater Revenues		4,300	4,300	4,300	4,300	4,300	21,500
Funding Total		\$4,300	\$4,300	\$4,300	\$4,300	\$4,300	\$21,500
WS90700047	WASTEWATER SYSTEM MASTER PLAN	Function: Wastewater System Studies				District: Citywide	
Conduct Wastewater Master Plan Study.							
Design		15,000	1,415,000	-	-	-	1,430,000
Project Total		\$15,000	\$1,415,000	-	-	-	\$1,430,000
Wastewater Revenues		15,000	1,415,000	-	-	-	1,430,000
Funding Total		\$15,000	\$1,415,000	-	-	-	\$1,430,000
WS90700050	SURFACE WATER QUALITY STANDARDS REVIEW	Function: Wastewater System Studies				District: Citywide	
Conduct study on proposed ADEQ surface Water Quality Standards.							
Other		35,000	-	-	-	-	35,000
Project Total		\$35,000	-	-	-	-	\$35,000
Wastewater Revenues		35,000	-	-	-	-	35,000
Funding Total		\$35,000	-	-	-	-	\$35,000
WS90700052	GUIDE SPECIFICATIONS UPDATE	Function: Wastewater System Studies				District: Citywide	
Update Guide Specifications for Wastewater Project Designs.							
Other		45,000	-	-	-	-	45,000
Project Total		\$45,000	-	-	-	-	\$45,000
2008 CIC Wastewater Bonds		45,000	-	-	-	-	45,000
Funding Total		\$45,000	-	-	-	-	\$45,000

City of Phoenix, Arizona
2008-2013 Capital Improvement Program
Wastewater

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
WS90800002	SECURITY IMPROVEMENTS REMOTE FACILITIES	Function: Repayments				District: Citywide	
Complete security improvements at remote facilities.							
Construction		-	-	2,740,000	-	-	2,740,000
Project Total		-	-	\$2,740,000	-	-	\$2,740,000
Wastewater Revenues		-	-	2,740,000	-	-	2,740,000
Funding Total		-	-	\$2,740,000	-	-	\$2,740,000
WS90800003	WASTEWATER SECURITY IMPROVEMENTS	Function: Repayments				District: Citywide	
Complete security improvements for individual site plans from the vulnerability assessment and remote facilities security plan.							
Other		20,000	-	-	-	-	20,000
Project Total		\$20,000	-	-	-	-	\$20,000
Wastewater Revenues		20,000	-	-	-	-	20,000
Funding Total		\$20,000	-	-	-	-	\$20,000
AR84900002	WASTEWATER PERCENT FOR ART	Function: Percent for Art				District: Citywide	
Acquire artwork for Wastewater Facilities.							
Construction		250,000	-	-	-	-	250,000
Project Total		\$250,000	-	-	-	-	\$250,000
2006 CIC Wastewater Bonds		250,000	-	-	-	-	250,000
Funding Total		\$250,000	-	-	-	-	\$250,000
AR84900005	REACH 11 TRAIL & RECREATION ENHANCEMENTS PERCENT FOR ART	Function: Percent for Art				District: 2	
Commission artists for art enhancements throughout the Reach 11 recreation corridor.							
Construction		1,541,000	-	-	-	-	1,541,000
Project Total		\$1,541,000	-	-	-	-	\$1,541,000
2007 CIC Water Bonds		700,000	-	-	-	-	700,000
2006 Parks and Open Spaces Bonds		14,360	-	-	-	-	14,360
2006 CIC Wastewater Bonds		826,640	-	-	-	-	826,640
Funding Total		\$1,541,000	-	-	-	-	\$1,541,000
AR84900006	BOLA TIE INSTALLATION PERCENT FOR ART	Function: Percent for Art				District: 8	
Relocate bronze bola tie collection to the light rail station on Washington Street.							
Construction		209,500	-	-	-	-	209,500
Project Total		\$209,500	-	-	-	-	\$209,500
2006 CIC Wastewater Bonds		209,500	-	-	-	-	209,500
Funding Total		\$209,500	-	-	-	-	\$209,500
AR84900008	AVENIDA RIO SALADO-BROADWAY ROAD STREETSCAPE	Function: Percent for Art				District: 7 & 8	
Construct future streetscape enhancements in conjunction with road and sewer improvements.							
Construction		900,000	-	-	-	-	900,000
Project Total		\$900,000	-	-	-	-	\$900,000
2006 CIC Wastewater Bonds		900,000	-	-	-	-	900,000
Funding Total		\$900,000	-	-	-	-	\$900,000

Project No.	Project Title	2008-09	2009-10	2010-11	2011-12	2012-13	Total
AR84900009	LIFT STATION PROJECTS PERCENT FOR ART						
	Enhance the design of several new lift stations.						
Construction		432,000	-	-	-	-	432,000
Project Total		\$432,000	-	-	-	-	\$432,000
2006 CIC Wastewater Bonds		432,000	-	-	-	-	432,000
Funding Total		\$432,000	-	-	-	-	\$432,000